

[0039] ABSTRACT OF THE DISCLOSURE

[0040] The invention relates to a positioning device (1) for an X-ray detector (11) or an X-ray source (23), comprising an arched arm (15), inside of which the X-ray detector (11) or the X-ray source (23) can be mounted in a manner that enables it to be displaced in the direction of the arch, and comprising a base (9), inside of which the arched arm(15) is mounted in a manner that enables it to be displaced in the direction of the arch. Either the X-ray detector (11) is mounted in the positioning device (1) and the X-ray source (23) is placed separately therfrom or, conversely, the X-ray source (23) is mounted in the positioning device (1) and the X-ray detector (11) is placed separately there from.